

Jackie Swigart
Secretary



Site:	A.L. Taylor
Break:	2:01
Other:	

John Y. Brown, Jr.
Governor

COMMONWEALTH OF KENTUCKY
DEPARTMENT FOR NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION
BUREAU OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER QUALITY
CENTURY PLAZA
1065 U.S. 127 BYPASS SOUTH
FRANKFORT, KENTUCKY 40601

MEMORANDUM

TO: Art Curtis
Branch Manager
Hazardous Materials and Waste Management

FROM: Warren Peace *WSP*
Environmental Engineer
Division of Water Quality

DATE: June 13, 1980

SUBJECT: Valley of the Drums Recommendations

The sampling data supplied has been reviewed by the Division of Water Quality. It appears one sample (effluent, chamber 1) was not analyzed, therefore a judgement as to whether the carbon is spent in this chamber cannot be made. However, changing the carbon in both chambers is recommended due to the organics concentrations indicated by the available data.

From the samples that were analyzed, it was obvious the carbon filters were not providing any removal of organics. In fact, organics were being desorbed from the carbon causing an increase in concentration at the effluent.

It is the recommendation of the Division of Water Quality that the carbon in both chambers be removed and new carbon added as soon as possible. It is further recommended that: (1) a filter backwash system be incorporated into both carbon chambers in the near future and (2) replace the existing, manually operated, pump with an automatic, floating pump.

WP:sjd

cc: DOWQ Files



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